

Weekly Coal Production

Production for Week Ended:
March 31, 1990

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Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements; the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origins and destination of coal shipments. This supplement also contains summary level, monthly data for all coal consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly based on production data collected using Form EIA-6, "Coal Distribution Report." The coal production estimation error for a quarter at the national level (i.e. the difference between the sum of the weekly estimates for a quarter and, the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually based on the EIA-7A coal production survey. The re-

vision error for a quarter at the national level (i.e. the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

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Summary

U.S. coal production in the week ended March 31, 1990, as estimated by the Energy Information Administration, totaled 21 million short tons, slightly lower than production in the previous week and 7 percent more than the comparable week in 1989. Production East of the Mississippi totaled 13 million short tons and production West of the Mississippi River totaled 8 million short tons.

Coal consumption at electric utility plants in January 1990 totaled 66 million short tons, compared with 67 million short tons a year earlier. Coal-generated elec-

tricity in January 1990 amounted to 132,496 gigawatthours (GWh), 2 percent less than in January 1989.

Coal receipts at electric utility plants totaled 61 million short tons of coal in December 1989, and averaged \$1.43 per million Btu.

Coal stocks at electric utility plants totaled 138 million short tons at the end of January 1990. This was 3 percent less than at the end of January 1989, but 2 percent more than at the end of December 1989.

Figure 1. Coal Production

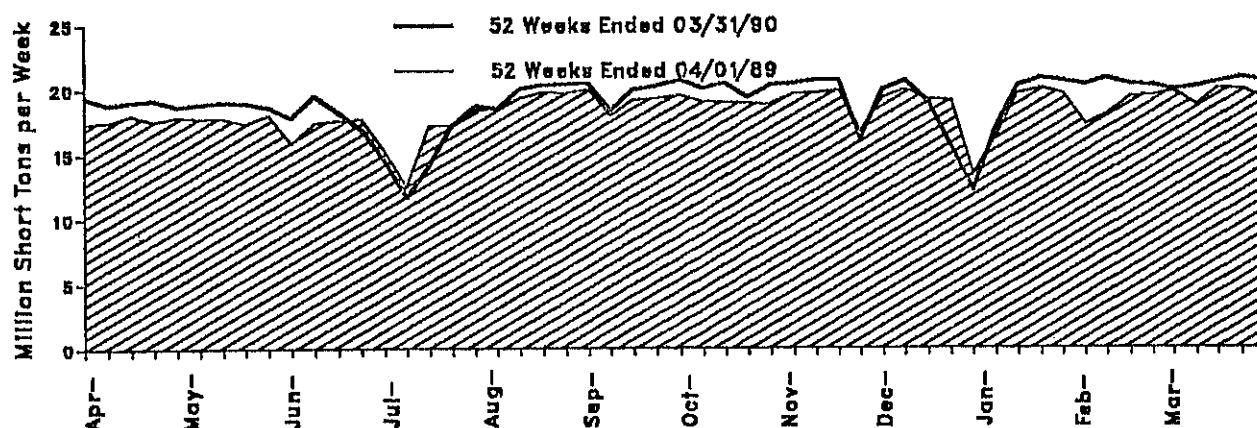


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	03/31/90	03/24/90	04/01/89	03/31/90	04/01/89	
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	20,617	20,841	19,354	986,127	953,584	
Pennsylvania Anthracite	85	76	68	3,543	3,661	
U.S. Total	20,702	20,918	19,423	989,670	957,225	
Railroad Cars Loaded	133,120	133,506	124,153	6,459,473	6,324,648	

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	03/31/90	03/24/90	04/01/89
Bituminous Coal¹ and Lignite			
East of the Mississippi	12,918	12,608	12,198
Alabama	622	573	577
Illinois	1,167	1,108	1,204
Indiana	934	908	621
Kentucky	3,433	3,375	3,166
Kentucky, Eastern	2,613	2,537	2,380
Kentucky, Western	821	837	786
Maryland	59	57	70
Ohio	741	703	684
Pennsylvania Bituminous	1,536	1,524	1,536
Tennessee	148	145	116
Virginia	1,168	1,137	970
West Virginia	3,110	3,076	3,254
West of the Mississippi	7,699	8,235	7,156
Alaska	34	34	29
Arizona	258	261	224
Arkansas	2	2	2
Colorado	19	480	337
Iowa	8	8	10
Kansas	23	23	8
Louisiana	46	62	48
Missouri	69	69	72
Montana	842	766	729
New Mexico	647	628	391
North Dakota	664	605	642
Oklahoma	41	37	36
Texas	1,091	1,101	999
Utah	99	527	416
Washington	95	96	100
Wyoming	3,763	3,536	3,113
Bituminous¹ and Lignite Total	20,617	20,841	19,354
Pennsylvania Anthracite	85	76	68
U.S. Total	20,702	20,918	19,423

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-8, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 3. Coal Statistics for Electric Utilities, 1981-1990

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		GWh ¹	Percent Coal	
1981	579,374	86.9	153	0.71	596,797	1,203,203	52.4	168,893
1982	601,427	90.4	165	.71	593,668	1,192,004	53.2	181,132
1983	592,728	88.3	166	.70	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	166	.70	664,399	1,341,681	55.5	179,727
1985	666,743	88.9	165	.66	693,841	1,402,128	56.8	156,376
1986	686,964	87.5	158	.68	685,056	1,385,831	55.7	161,806
1987	721,298	84.6	151	.65	717,894	1,463,781	56.9	170,797
1988								
January	58,626	85.7	147	.66	67,850	137,845	57.9	163,561
February	56,871	86.7	149	.64	61,401	126,267	58.2	160,424
March	59,021	88.8	149	.63	59,758	120,034	58.1	162,803
April	56,136	87.9	150	.62	54,135	109,135	55.7	165,750
May	57,920	87.9	150	.63	58,529	115,195	55.3	166,328
June	59,337	87.1	146	.62	65,343	132,268	58.8	161,215
July	58,989	86.9	146	.60	71,749	144,301	56.0	148,234
August	68,696	86.4	145	.62	75,253	152,377	56.9	141,389
September	63,103	85.2	145	.64	61,540	124,410	56.5	142,830
October	63,574	86.3	146	.64	59,581	121,339	57.6	147,130
November	62,015	84.3	146	.63	59,305	121,054	57.8	150,016
December	63,487	82.6	142	.63	66,948	136,427	58.6	146,507
Total	727,775	86.3	147	.63	758,372	1,540,653	57.0	
1989								
January	62,349	82.5	143	.64	66,619	134,968	58.1	142,403
February	56,634	82.9	145	.64	62,613	127,194	57.9	137,354
March	63,218	83.4	144	.64	61,906	126,706	55.9	138,949
April	62,076	82.2	144	.63	55,929	115,271	55.5	144,598
May	64,789	84.0	145	.65	58,359	118,956	54.1	150,970
June	61,259	83.9	145	.63	63,023	128,454	54.8	148,968
July	55,429	83.2	144	.61	69,705	138,467	53.9	134,859
August	70,146	82.9	145	.64	70,471	141,710	54.9	133,932
September	64,539	81.1	146	.64	62,889	126,730	55.9	135,629
October	66,578	80.7	145	.64	60,541	122,212	55.7	142,270
November	65,570	80.7	144	.64	60,898	124,154	56.7	147,131
December	60,515	81.9	143	.63	72,267	147,030	56.8	135,894
Total	753,103	82.4	145	.64	765,820	1,551,852	55.8	
1990								
January	NA	NA	NA	NA	66,060	132,496	55.9	138,358

¹ Gigawatt-hours

NA Not available.

Note: MM Btu represents million Btu.

Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption and Stocks: Energy Information Administration (EIA), "Weekly Coal Production." Generation: Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report."

Table 4. Coal-Fired Net Generation, January 1990
(Gigawatthours)

Census Division and State	January 1990	January 1989	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1990	1989	Percent Change	1990	1989
New England	1,688	1,700	-0.7	1,688	1,700	-0.7	19.0	18.9
Connecticut	223	234	-4.6	223	234	-4.6	7.1	6.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	1,127	1,205	-6.5	1,127	1,205	-6.5	31.3	36.9
New Hampshire	338	261	29.3	338	261	29.3	52.0	43.5
Rhode Island	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	13,075	13,029	.4	13,075	13,029	.4	42.0	45.5
New Jersey	841	922	-8.8	841	922	-8.8	24.7	25.0
New York	2,305	2,232	3.2	2,305	2,232	3.2	20.4	19.0
Pennsylvania	9,930	9,875	.6	9,930	9,875	.6	62.1	71.8
East North Central	30,953	30,323	2.1	30,953	30,323	2.1	74.0	75.0
Illinois	4,677	4,849	-3.6	4,677	4,849	-3.6	43.0	47.4
Indiana	8,492	7,303	16.3	8,492	7,303	16.3	98.8	98.7
Michigan	5,757	5,882	-2.1	5,757	5,882	-2.1	70.5	77.0
Ohio	9,286	9,557	-2.8	9,286	9,557	-2.8	89.1	87.5
Wisconsin	2,741	2,732	.4	2,741	2,732	.4	69.3	68.3
West North Central	14,412	14,197	1.5	14,412	14,197	1.5	78.1	77.2
Iowa	2,271	2,173	4.5	2,271	2,173	4.5	83.8	82.0
Kansas	2,139	2,047	4.5	2,139	2,047	4.5	69.7	72.7
Minnesota	2,429	2,133	13.8	2,429	2,133	13.8	73.3	61.7
Missouri	3,750	4,257	-11.9	3,750	4,257	-11.9	80.9	81.0
Nebraska	1,205	1,046	15.2	1,205	1,046	15.2	55.2	60.6
North Dakota	2,419	2,298	5.2	2,419	2,298	5.2	92.1	93.2
South Dakota	200	243	-17.6	200	243	-17.6	49.5	46.4
South Atlantic	25,280	29,137	-13.2	25,280	29,137	-13.2	57.4	60.4
District of Columbia	439	388	13.0	439	388	13.0	75.1	56.3
.....	-	-	-	-	-	-	-	-
.....	4,717	5,134	-8.1	4,717	5,134	-8.1	52.8	57.0
.....	4,755	4,921	-3.4	4,755	4,921	-3.4	59.0	72.4
.....	1,738	2,053	-15.3	1,738	2,053	-15.3	74.0	50.4
.....	3,161	4,861	-35.0	3,161	4,861	-35.0	50.5	60.7
.....	1,640	1,997	-17.9	1,640	1,997	-17.9	25.4	43.8
.....	1,719	2,161	-20.5	1,719	2,161	-20.5	40.4	61.7
.....	7,112	7,623	-6.7	7,112	7,623	-6.7	98.9	99.1
.....	13,867	14,000	-1.0	13,867	14,000	-1.0	66.5	70.1
.....	3,207	3,591	-10.7	3,207	3,591	-10.7	52.0	58.0
.....	6,230	5,751	8.3	6,230	5,751	8.3	94.0	93.7
.....	527	660	-20.1	527	660	-20.1	32.7	30.9
.....	3,902	3,998	-2.4	3,902	3,998	-2.4	50.4	65.0
.....	15,414	15,773	-2.3	15,414	15,773	-2.3	56.9	57.9
.....	1,542	1,606	-4.0	1,542	1,606	-4.0	58.1	59.0
.....	1,404	1,912	-26.6	1,404	1,912	-26.6	37.3	45.0
.....	2,278	2,140	6.4	2,278	2,140	6.4	82.7	60.2
.....	10,191	10,116	.7	10,191	10,116	.7	58.8	60.2
.....	16,914	15,938	6.1	16,914	15,938	6.1	82.0	75.9
.....	2,972	2,489	19.4	2,972	2,489	19.4	82.0	45.3
.....	2,578	2,523	2.2	2,578	2,523	2.2	95.9	90.9
.....	-	-	-	-	-	-	-	-
.....	1,456	1,426	2.1	1,456	1,426	2.1	65.0	69.6
.....	1,257	1,401	-10.3	1,257	1,401	-10.3	85.2	84.6
.....	2,116	1,874	12.9	2,116	1,874	12.9	93.3	91.5
.....	2,919	2,649	10.2	2,919	2,649	10.2	98.2	98.0
.....	3,616	3,577	1.1	3,616	3,577	1.1	98.9	98.5
.....	861	842	2.2	861	842	2.2	3.7	3.6
.....	-	-	-	-	-	-	-	-
.....	-3	-4	(¹)	-3	-4	(¹)	-1	-1
.....	864	846	2.2	864	846	2.2	9.5	9.0
.....	32	29	10.7	32	29	10.7	2.8	2.6
.....	32	29	10.7	32	29	10.7	6.9	6.3
.....	-	-	-	-	-	-	-	-
.....	132,496	134,968	-1.8	132,496	134,968	-1.8	55.9	58.1

te value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is
ot meaningful.
denotes that electric power consumed for plant use exceeds gross generation. Totals may not equal sum of compo-
ding.
Administration, Form EIA-759, "Monthly Power Plant Report."

Table 5. Coal Consumption at Electric Utility Plants, January 1990
(Thousand Short Tons)

Census Division and State	January 1990	December 1989	January 1989	Year to Date		
				1990	1989	Percent Change
New England Total	833	812	839	833	839	-0.8
Connecticut	92	100	94	92	94	-1.9
Massachusetts	411	434	443	411	443	-7.1
New Hampshire	129	78	102	129	102	28.8
Rhode Island	(*)	(*)	(*)	(*)	(*)	-
Middle Atlantic Total	5,267	5,454	5,232	5,267	5,232	.7
New Jersey	318	268	364	318	364	-12.8
New York	932	973	890	932	890	4.7
Pennsylvania	4,017	4,215	3,977	4,017	3,977	1.0
East North Central Total	14,771	15,801	14,224	14,771	14,224	3.8
Illinois	2,402	2,993	2,450	2,402	2,450	-1.9
Indiana	4,195	4,197	3,560	4,195	3,560	17.8
Michigan	2,608	2,606	2,589	2,608	2,589	.7
Ohio	4,009	4,370	4,079	4,009	4,079	-1.7
Wisconsin	1,556	1,636	1,546	1,556	1,546	.8
West North Central Total	9,137	9,686	8,959	9,137	8,959	2.0
Iowa	1,383	1,360	1,285	1,383	1,285	7.6
Kansas	1,360	1,493	1,347	1,360	1,347	1.0
Minnesota	1,473	1,493	1,321	1,473	1,321	11.5
Missouri	1,885	2,134	2,126	1,885	2,126	-11.4
Nebraska	763	826	652	763	652	17.0
North Dakota	2,082	2,154	1,997	2,082	1,997	4.3
South Dakota	192	226	231	192	231	-16.9
South Atlantic Total	10,021	12,733	11,450	10,021	11,450	-12.5
Delaware	184	235	163	184	163	13.0
Florida	1,897	2,085	2,056	1,897	2,056	-7.7
Georgia	1,934	2,228	2,000	1,934	2,000	-3.3
Maryland	685	812	790	685	790	-13.4
North Carolina	1,218	2,095	1,831	1,218	1,831	-33.5
South Carolina	646	906	781	646	781	-17.3
Virginia	667	988	856	667	856	-22.1
West Virginia	2,791	3,384	2,973	2,791	2,973	-8.1
East South Central Total	5,905	7,179	5,926	5,905	5,926	-.3
Alabama	1,347	2,099	1,486	1,347	1,486	-9.3
Kentucky	2,716	2,940	2,500	2,716	2,500	8.8
Mississippi	218	267	275	218	275	-20.8
Tennessee	1,623	1,872	1,664	1,623	1,664	-2.4
West South Central Total	10,663	11,158	10,990	10,663	10,990	-3.0
Arkansas	942	1,240	988	942	988	-4.7
Louisiana	947	747	1,283	947	1,283	-26.2
Oklahoma	1,356	1,556	1,286	1,356	1,286	5.4
Texas	7,419	7,616	7,432	7,419	7,432	-.2
Mountain Total	9,075	9,064	8,628	9,075	8,628	5.2
Arizona	1,481	1,385	1,205	1,481	1,205	22.9
Colorado	1,369	1,434	1,355	1,369	1,355	1.0
Montana	918	1,012	913	918	913	.5
Nevada	634	569	677	634	677	-6.4
New Mexico	1,240	1,284	1,129	1,240	1,129	9.8
Utah	1,243	1,206	1,155	1,243	1,155	7.6
Wyoming	2,192	2,174	2,194	2,192	2,194	-.1
Pacific Total	588	581	571	588	571	3.0
Oregon	(*)	(*)	(*)	(*)	(*)	-
Washington	561	552	543	561	543	3.2
Alaska	28	29	28	28	28	-1.1
U.S. Total	66,060	72,267	66,619	66,060	66,619	-.8

(*) For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Stocks at Electric Utility Plants, January 1990
(Thousand Short Tons)

Census Division and State	January 31, 1990	December 31, 1989	January 31, 1989	Percent Change January 31: 1990 versus 1989
New England Total	958	1,058	1,040	-7.9
Connecticut	139	145	116	20.1
Massachusetts	571	642	584	-2.2
New Hampshire	219	243	313	-30.1
Rhode Island	30	28	28	7.2
Middle Atlantic Total	12,680	12,934	13,441	-5.7
New Jersey	631	632	477	32.4
New York	1,157	1,233	1,296	-10.7
Pennsylvania	10,892	11,069	11,669	-6.7
East North Central Total	34,244	34,948	37,710	-9.2
Illinois	8,166	8,204	8,798	-7.2
Indiana	8,182	8,043	9,617	-14.9
Michigan	7,289	8,185	8,289	-12.3
Ohio	7,090	6,607	7,089	(*)
Wisconsin	3,537	3,909	3,918	-9.7
West North Central Total	19,548	19,390	19,594	-.2
Iowa	3,845	4,044	4,131	-11.8
Kansas	3,200	3,266	3,272	-2.2
Minnesota	2,392	1,977	2,457	-2.6
Missouri	4,904	4,384	4,834	1.5
Nebraska	1,712	1,885	1,641	4.3
North Dakota	3,404	3,731	2,961	15.0
South Dakota	291	303	299	-2.4
South Atlantic Total	22,628	20,493	22,678	-.2
Delaware	280	259	539	-48.1
Florida	4,504	4,383	4,447	1.3
Georgia	5,588	5,040	5,289	6.0
Maryland	1,198	1,046	1,367	-12.4
North Carolina	3,565	2,795	3,217	10.8
South Carolina	1,888	1,873	1,579	19.5
Virginia	1,639	1,368	1,310	25.1
West Virginia	3,988	3,729	4,947	-19.8
East South Central Total	12,753	11,651	13,665	-6.7
Alabama	4,118	3,721	4,633	-11.1
Kentucky	4,705	4,289	4,299	0.4
Mississippi	797	754	890	-10.4
Tennessee	3,133	2,875	3,844	-18.5
West South Central Total	16,994	16,917	15,834	7.3
Arkansas	2,162	2,134	1,983	9.0
Louisiana	2,455	2,627	2,523	-2.7
Oklahoma	2,956	2,826	2,684	11.0
Texas	8,421	9,329	8,665	8.7
Mountain Total	17,147	17,035	16,780	2.2
Arizona	3,341	3,367	4,053	-17.6
Colorado	3,940	3,921	3,853	2.3
Montana	846	813	962	-12.1
Nevada	1,106	893	1,283	-13.8
New Mexico	1,339	1,403	1,358	-1.3
Utah	3,260	3,202	2,701	20.7
Wyoming	3,316	3,337	2,573	28.9
Pacific Total	1,405	1,469	1,662	-15.5
Oregon	480	480	786	-38.9
Washington	921	986	873	5.5
Alaska	4	3	2	62.2
U.S. Total	138,358	135,894	142,403	-2.8

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Receipts at Electric Utility Plants, December 1989
(Thousand Short Tons)

Census Division and State	December 1989	November 1989	December 1988	Year to Date		
				1989	1988	Percent Change
New England Total	545	552	551	6,327	6,377	-0.8
Connecticut	59	109	60	875	830	5.4
Massachusetts	405	329	355	4,388	4,285	2.4
New Hampshire	81	114	136	1,064	1,262	-15.7
Middle Atlantic Total	4,483	4,984	4,891	55,962	51,532	8.6
New Jersey	247	296	284	3,324	2,477	34.2
New York	767	918	791	9,872	8,562	15.3
Pennsylvania	3,469	3,771	3,816	42,768	40,493	5.6
East North Central Total	13,199	14,627	13,161	161,662	155,300	4.1
Illinois	2,075	2,256	2,278	25,067	28,920	-6.9
Indiana	3,692	4,101	3,448	40,560	38,414	11.4
Michigan	2,024	2,815	1,943	28,996	28,344	2.3
Ohio	4,169	4,067	4,157	49,504	46,008	7.6
Wisconsin	1,218	1,387	1,335	17,535	17,613	-.4
West North Central Total	7,985	8,940	9,205	100,794	99,540	1.3
Iowa	870	1,285	1,140	14,316	13,974	2.5
Kansas	1,043	1,291	1,351	14,725	14,798	-.5
Minnesota	1,352	1,451	1,446	16,071	15,451	4.0
Missouri	1,676	2,219	2,157	24,788	23,059	3.5
Nebraska	753	649	772	7,473	7,485	-.2
North Dakota	2,079	1,855	2,124	21,359	21,714	-1.6
South Dakota	213	191	215	2,063	2,160	-4.5
South Atlantic Total	9,526	11,295	10,111	128,321	120,976	6.1
Delaware	148	235	178	1,818	2,525	-24.0
Florida	1,888	1,992	1,718	23,375	23,770	-1.7
Georgia	1,837	2,303	1,887	25,434	25,135	1.2
Maryland	618	629	834	8,494	8,854	-4.1
North Carolina	1,333	1,614	1,271	18,413	16,795	9.6
South Carolina	647	794	743	9,805	9,002	8.9
Virginia	633	886	970	9,739	7,459	30.6
West Virginia	2,423	2,842	2,510	31,143	27,436	13.5
East South Central Total	5,744	6,421	6,235	73,798	73,868	-.1
Alabama	1,653	1,947	1,492	21,311	19,895	7.1
Kentucky	2,440	2,625	2,872	30,733	29,344	4.7
Mississippi	226	259	285	3,455	4,870	-29.1
Tennessee	1,426	1,590	1,585	18,300	19,759	-7.4
West South Central Total	9,867	9,832	10,109	121,925	117,144	4.1
Arkansas	908	890	1,145	11,502	11,907	-3.4
Louisiana	779	953	1,084	11,594	12,078	-4.0
Oklahoma	1,280	1,221	1,070	14,635	13,355	9.6
Texas	6,900	6,768	6,810	84,195	79,803	5.5
Mountain Total	8,681	8,447	8,741	98,709	97,184	1.6
Arizona	1,192	1,239	1,191	15,244	14,121	8.0
Colorado	1,401	1,234	1,433	15,752	14,949	5.4
Montana	967	933	966	10,224	10,474	-2.4
Nevada	637	486	579	7,067	7,886	-10.4
New Mexico	1,357	1,278	1,511	15,238	14,522	4.9
Utah	1,000	1,163	922	13,385	12,256	8.2
Wyoming	2,127	2,114	2,139	21,798	22,976	-5.1
Pacific Total	484	472	484	5,606	5,856	-4.3
Oregon	-	-	-	-	235	-
Washington	484	472	484	5,606	5,621	-.3
U.S. Total	60,515	65,570	63,487	753,103	727,775	3.5

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 8. Quality and Price of Coal Receipts at Electric Utility Plants,
December 1989**

Census Division and State	December 1989		December 1988		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1989		1988		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.47	172	0.54	169	0.48	170	0.51	173	-4.8	-1.9
Connecticut .....	.21	211	.20	215	.20	214	.20	229	1.8	-6.5
Massachusetts .....	.48	165	.48	161	.47	160	.46	161	2.8	-6
New Hampshire .....	.63	180	.85	168	.75	173	.86	178	-13.1	-2.7
Mid Atlantic .....	.78	153	.82	150	.78	149	.82	149	-4.2	.0
New Jersey .....	.53	181	.52	171	.44	176	.48	172	-7.4	2.4
New York .....	.64	158	.64	158	.65	157	.67	158	-3.0	-6
Pennsylvania .....	.83	150	.88	147	.84	145	.87	145	-3.3	-4
East North Central .....	.83	154	.84	155	.83	154	.82	160	1.2	-3.8
Illinois .....	.88	176	.85	189	.94	181	.89	191	5.4	-5.0
Indiana .....	.92	135	1.04	136	1.04	136	1.05	143	-1.5	-5.1
Michigan .....	.33	171	.32	177	.30	172	.31	176	-3.4	-2.0
Ohio	1.04	153	1.05	146	1.04	149	1.04	152	.1	-2.3
Wisconsin .....	.40	147	.40	139	.44	145	.46	146	-4.5	-1.1
West North Central .....	.53	106	.55	108	.58	114	.58	115	-.9	-.9
Iowa .....	.23	104	.25	102	.43	122	.44	123	-.3	-1.4
Kansas .....	.43	125	.33	118	.36	124	.38	124	-5.3	.0
Minnesota .....	.28	106	.34	101	.29	120	.34	120	-14.5	.0
Missouri .....	.96	137	1.02	134	1.01	135	1.01	138	-.4	-2.3
Nebraska .....	.20	72	.19	78	.21	83	.21	84	-.9	-1.7
North Dakota .....	.57	71	.53	71	.55	69	.53	70	5.0	-1.4
South Dakota .....	.71	124	.73	122	.73	124	.71	121	2.3	2.2
South Atlantic .....	.62	167	.59	164	.60	165	.60	166	-.1	-.6
Delaware .....	.40	183	.45	177	.40	179	.42	181	-4.2	-.7
Florida .....	.68	180	.71	179	.71	179	.70	178	.5	.8
Georgia .....	.71	171	.70	178	.69	175	.70	175	-1.0	.4
Maryland .....	.63	165	.56	156	.56	161	.57	158	-.6	2.2
North Carolina .....	.36	180	.36	180	.37	177	.37	178	-.4	-.3
South Carolina .....	.44	170	.41	175	.44	171	.46	176	-4.3	-3.0
Virginia .....	.37	162	.36	149	.37	155	.36	155	3.7	-.2
West Virginia .....	.77	147	.72	141	.75	143	.72	144	3.2	-1.1
East South Central .....	.92	143	.91	143	.92	143	.87	148	6.6	-3.7
Alabama .....	.64	184	.58	199	.68	188	.61	195	11.4	-4.2
Kentucky	1.20	117	1.15	115	1.19	114	1.11	120	7.4	-5.0
Mississippi .....	.68	162	.64	160	.62	167	.55	181	11.5	-7.8
Tennessee .....	.84	136	.84	137	.84	134	.86	134	-3.1	.5
West South Central .....	.41	142	.38	147	.41	147	.39	150	4.1	-1.4
Arkansas .....	.20	165	.18	146	.20	163	.20	159	-2.7	2.9
Louisiana .....	.28	168	.31	158	.29	163	.31	155	-6.9	4.7
Oklahoma .....	.27	132	.25	139	.25	136	.25	148	3.0	-8.2
Texas .....	.49	137	.46	146	.49	145	.47	147	5.2	-1.5
Mountain .....	.28	109	.29	108	.28	112	.28	110	.1	1.8
Arizona .....	.23	125	.22	139	.23	136	.24	140	-1.7	-3.2
Colorado .....	.20	104	.19	105	.19	106	.19	107	-.6	-.2
Montana .....	.36	58	.40	52	.39	58	.39	55	-1.0	5.7
Nevada .....	.24	176	.21	135	.23	152	.23	136	4.1	11.5
New Mexico .....	.46	118	.43	113	.43	124	.42	118	2.5	5.3
Utah .....	.21	122	.22	140	.21	124	.21	127	1.4	-2.1
Wyoming .....	.30	85	.30	82	.30	85	.30	84	-.6	.7
Pacific .....	.41	156	.43	160	.41	156	.39	155	3.9	.7
Oregon	-	-	-	-	-	-	.19	139	-	-
Washington .....	.41	156	.43	160	.41	156	.40	155	1.7	.2
U.S. Total .....	.63	143	.63	142	.64	145	.63	147	1.1	-1.4

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, December 1989

Census Division and State	December 1989		December 1988		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1989		1988		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.49	171	0.44	169	0.44	170	0.43	174	1.3	-2.5
Connecticut .....	.21	211	.19	224	.20	217	.20	231	1.7	-5.8
Massachusetts .....	.49	164	.48	161	.48	159	.46	160	4.2	-.7
New Hampshire .....	.73	172	-	-	.74	171	.81	199	-8.8	-14.2
Mid Atlantic .....	.82	158	.87	156	.82	154	.85	155	-4.0	-.4
New Jersey .....	.49	179	.57	171	.46	176	.49	172	-5.9	2.2
New York .....	.63	162	.59	169	.63	162	.64	167	-1.8	-3.0
Pennsylvania .....	.88	155	.94	153	.89	150	.91	151	-2.7	-.5
East North Central .....	.83	163	.88	164	.84	163	.85	170	-1.0	-3.7
Illinois	1.02	181	.85	193	.96	196	.90	195	7.2	-4.6
Indiana .....	.90	142	1.08	141	1.05	143	1.08	149	-2.1	-4.1
Michigan .....	.30	174	.31	184	.29	178	.30	184	-3.0	-3.6
Ohio	1.08	170	1.16	164	1.09	165	1.13	170	-3.0	-2.6
Wisconsin .....	.40	146	.45	136	.45	145	.48	147	-4.8	-1.3
West North Central .....	.55	109	.57	109	.57	116	.58	117	-1.8	-.7
Iowa .....	.21	123	.24	106	.39	130	.40	127	-3.2	2.2
Kansas .....	.36	128	.26	130	.31	126	.35	127	-12.5	-.4
Minnesota .....	.27	106	.32	100	.29	120	.33	120	-14.6	.2
Missouri	1.09	150	1.06	137	1.05	138	1.05	141	-.7	-2.4
Nebraska .....	.20	73	.20	85	.21	86	.21	86	-.8	.4
North Dakota .....	.57	71	.53	72	.55	70	.53	70	5.0	-1.0
South Dakota .....	.71	124	.73	122	.73	124	.74	122	-2.5	1.4
South Atlantic .....	.61	176	.60	172	.60	174	.60	173	.4	.6
Delaware .....	.36	188	.43	183	.39	182	.43	184	-8.8	-1.4
Florida .....	.64	189	.70	188	.65	189	.66	189	-.9	.1
Georgia .....	.71	181	.70	183	.72	182	.72	180	-1.1	1.5
Maryland .....	.66	169	.59	160	.59	163	.57	161	3.7	1.4
North Carolina .....	.37	185	.36	180	.37	182	.36	180	.3	.7
South Carolina .....	.43	177	.41	186	.44	179	.47	187	-5.2	-4.2
Virginia .....	.38	158	.32	153	.37	154	.34	158	8.5	-2.7
West Virginia .....	.77	160	.73	150	.76	155	.72	151	4.2	2.7
East South Central .....	.93	153	.91	157	.93	155	.91	159	2.2	-2.5
Alabama .....	.53	204	.58	206	.61	202	.60	205	2.7	-1.4
Kentucky	1.34	121	1.29	126	1.34	121	1.31	129	2.6	-6.1
Mississippi .....	.60	168	.54	167	.54	174	.53	192	3.0	-9.3
Tennessee .....	.85	141	.86	141	.86	139	.89	137	-3.1	1.3
West South Central .....	.42	143	.37	139	.41	146	.39	149	3.8	-2.2
Arkansas .....	.20	165	.18	146	.20	163	.20	159	-1.3	2.5
Louisiana .....	.28	168	.31	158	.29	163	.31	158	-8.4	3.1
Oklahoma .....	.24	134	.23	138	.24	138	.23	148	2.7	-6.8
Texas .....	.51	138	.47	132	.50	141	.47	146	5.9	-3.2
Mountain .....	.29	111	.29	108	.28	113	.28	110	1.0	2.4
Arizona .....	.23	125	.22	139	.23	136	.24	140	-1.7	-3.2
Colorado .....	.20	106	.19	107	.19	108	.19	110	-1.7	-1.8
Montana .....	.36	58	.40	52	.39	68	.39	55	-1.0	5.7
Nevada .....	.24	176	.21	135	.23	152	.23	136	4.1	11.6
New Mexico .....	.46	118	.43	113	.43	124	.42	118	2.5	5.3
Utah .....	.21	125	.22	141	.21	126	.21	129	1.3	-2.2
Wyoming .....	.31	87	.30	82	.31	87	.30	84	2.7	2.9
Pacific .....	.46	162	.43	160	.44	162	.40	159	9.0	1.6
Oregon	-	-	-	-	-	-	.20	139	-	-
Washington .....	.46	162	.43	160	.44	162	.41	160	6.6	1.0
U.S. Total .....	.62	147	.63	146	.63	148	.63	150	-.1	-1.2

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, December 1989

Census Division and State	December 1989		December 1988		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1989		1988		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.37	177	0.76	169	0.68	170	0.69	171	-15.7	-0.4
Connecticut	-	-	.25	180	.21	180	.21	182	-1.1	-9
Massachusetts .....	.40	168	.48	168	.46	168	.48	168	-2.3	-1.1
New Hampshire .....	.26	207	.85	168	.75	173	.87	172	-14.1	.5
Mid Atlantic .....	.68	141	.67	134	.68	135	.70	130	-2.1	4.0
New Jersey .....	.61	188	.28	169	.39	175	.43	169	-8.6	3.5
New York .....	.66	150	.71	144	.69	147	.72	143	-4.0	2.9
Pennsylvania .....	.69	134	.68	128	.70	128	.70	122	.1	4.6
East North Central .....	.84	126	.72	119	.80	122	.71	123	12.2	-1.2
Illinois .....	.70	137	.76	124	.71	127	.81	120	-12.1	5.8
Indiana .....	.97	108	.87	111	.96	110	.92	115	4.6	-4.2
Michigan .....	.44	162	.36	149	.33	149	.34	148	-1.6	.5
Ohio .....	.95	119	.84	108	.93	115	.93	113	11.1	2.3
Wisconsin .....	.25	153	.22	151	.34	144	.34	143	2.7	.4
West North Central .....	.43	95	.44	90	.61	104	.57	101	5.8	3.2
Iowa .....	.24	90	.30	78	.55	101	.71	96	-21.8	5.5
Kansas .....	.82	110	.46	96	.75	109	.60	106	24.4	2.9
Minnesota .....	.35	112	.51	110	.38	115	.49	117	-22.4	-1.2
Missouri .....	.59	98	.68	109	.79	118	.62	107	26.5	9.9
Nebraska .....	.22	68	.19	66	.20	68	.19	72	1.8	-5.9
North Dakota	-	-	.48	48	.50	48	.41	62	23.6	-22.4
South Dakota	-	-	-	-	-	-	.36	112	-	-
South Atlantic .....	.64	143	.57	136	.60	142	.61	138	-1.9	2.6
Delaware .....	.54	161	.51	161	.48	161	.39	169	23.3	-4.6
Florida .....	.82	146	.77	142	.90	143	.86	140	4.2	2.5
Georgia .....	.71	150	.73	142	.63	155	.57	147	10.4	5.2
Maryland .....	.58	158	.51	148	.50	156	.55	145	-9.2	7.3
North Carolina .....	.35	160	.48	141	.37	154	.41	135	-10.6	14.1
South Carolina .....	.46	158	.41	151	.44	156	.45	152	-2.1	3.1
Virginia .....	.38	166	.39	146	.37	158	.38	150	-3.2	3.6
West Virginia .....	.78	109	.68	102	.72	106	.72	103	.7	3.2
East South Central .....	.90	114	.80	104	.91	110	.72	113	25.5	-2.7
Alabama .....	.96	123	.63	129	.96	124	.72	123	33.3	1.4
Kentucky .....	.90	108	.96	99	.94	102	.76	104	24.5	-1.7
Mississippi	1.10	135	1.03	136	.93	137	.60	160	54.7	-14.9
Tennessee .....	.76	115	.65	108	.72	114	.68	109	6.0	4.6
West South Central .....	.30	120	.44	187	.41	169	.38	157	7.5	7.4
Arkansas	-	-	-	-	-	-	.41	118	-	-
Louisiana	-	-	-	-	.43	131	.28	123	53.1	6.7
Oklahoma .....	.46	118	.41	147	.38	122	.38	151	.5	-19.0
Texas .....	.20	122	.44	189	.41	183	.40	170	3.1	7.5
Mountain .....	.21	90	.19	89	.21	89	.20	79	1.5	11.7
Colorado .....	.20	99	.19	88	.19	89	.18	81	8.3	21.2
Utah .....	.25	102	.19	95	.24	104	.25	82	-8.4	26.5
Wyoming .....	.19	62	-	-	.19	62	.20	46	-3.7	36.6
Pacific .....	.18	127	-	-	.22	121	.27	106	-18.1	14.2
Oregon	-	-	-	-	-	-	.17	140	-	-
Washington .....	.18	127	-	-	.22	121	.28	104	-19.4	15.9
U.S. Total .....	.68	126	.64	127	.68	128	.65	126	5.2	1.3

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, December 1989

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	319	256	735	189	218	173	1,273	204	0.53	9.5	-0.4	5.0
Arizona	980	121	-	-	-	-	980	121	.23	-8.0	12.8	11.5
Colorado	1,348	145	-	-	-	-	1,348	145	.19	13.2	5.4	4.3
Illinois	-	-	741	172	3,028	154	3,769	158	1.19	-15.0	-4	1.6
Indiana	56	156	177	116	1,999	120	2,232	121	1.16	-2.6	-1.1	6.5
Iowa	-	-	-	-	3	159	3	159	1.71	-76.9	13.1	-4
Kansas	-	-	-	-	93	129	93	129	1.82	366.4	6.1	66.0
Kentucky	1,327	172	4,648	170	3,231	122	9,149	154	.76	-4.6	.2	2.4
Louisiana	-	-	211	131	-	-	211	131	.42	2.7	-8.6	-6.2
Maryland	-	-	205	154	7	106	213	152	.66	3.4	5.1	5.9
Missouri	-	-	-	-	182	184	182	184	2.26	-35.7	47.0	9.2
Montana	1,041	175	1,873	92	-	-	2,914	124	.30	1.9	3.5	-11.7
New Mexico	324	139	1,461	123	-	-	1,785	126	.40	-10.8	-4.4	4.9
North Dakota	-	-	2,293	75	-	-	2,293	75	.58	-2.0	-3	7.2
Ohio	-	-	156	141	2,229	159	2,385	158	1.43	-8.6	3.7	1.7
Oklahoma	7	159	62	145	20	122	89	141	.74	-14.3	1.1	-17.4
Pennsylvania	126	163	2,091	152	731	153	3,826	152	.71	1.1	1.6	-1.1
Tennessee	19	121	316	160	48	116	382	153	.55	2.8	6.9	5.4
Texas	-	-	3,527	100	859	125	4,386	104	.72	14.8	-10.1	-3.3
Utah	1,011	123	134	156	-	-	1,145	127	.22	20.0	-6.2	-8
Virginia	201	191	1,264	169	-	-	1,465	172	.43	-6	5.7	1.2
Washington	-	-	406	161	-	-	406	161	.46	1.2	-4.3	-2.9
West Virginia	1,817	170	2,678	159	1,914	139	6,304	156	.66	-16.2	3.0	1.3
Wyoming	13,131	129	779	97	-	-	13,537	128	.22	-8.1	-1.8	-2.3
Imported	28	167	118	177	-	-	146	175	.33	302.3	2.3	-1.6
U.S. Total	21,736	143	24,774	144	14,563	140	60,515	143	.63	-4.7	.3	.0

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-December 1989

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	2,994	258	8,962	184	3,146	192	14,884	201	0.56	1.6	-1.6	5.3
Arizona	11,907	107	-	-	-	-	11,907	107	.23	-2.3	6.6	1.1
Colorado	14,008	142	37	108	9	108	14,054	142	.19	6.3	1.2	1.7
Illinois	-	-	11,689	172	42,129	153	53,818	157	1.18	.1	-3.7	2.8
Indiana	728	151	2,904	122	23,542	125	27,165	125	1.15	9.8	-2.2	3.2
Iowa	-	-	-	-	46	153	46	153	1.79	-51.6	13.8	63.3
Kansas	-	-	26	117	800	131	826	131	1.85	48.5	2.9	-5.0
Kentucky	16,583	172	64,866	168	39,490	122	120,441	154	.74	3.9	-2.0	1.0
Louisiana	-	-	2,981	127	-	-	2,981	127	.40	.4	1.3	-8
Maryland	1	132	2,207	150	161	106	2,369	147	.66	-4.5	2.4	4.2
Missouri	-	-	-	-	3,071	134	3,071	134	2.15	-18.6	3.0	1.7
Montana	14,981	178	21,109	98	-	-	35,977	133	.30	-1.6	.1	-7.4
New Mexico	5,602	178	16,609	129	-	-	22,211	143	.37	6.0	1.0	.8
North Dakota	-	-	23,383	74	40	104	23,423	74	.57	-1.4	-1.0	4.2
Ohio	23	150	1,185	139	29,204	157	30,412	156	1.40	6.7	-1.0	1.4
Oklahoma	216	160	471	145	419	126	1,106	141	.87	-23.0	-1.9	-9.1
Pennsylvania	1,364	160	38,350	150	7,937	137	47,598	148	.71	4.9	-6	-2.8
Tennessee	636	157	3,465	145	581	108	4,682	142	.54	3.9	-6	2.7
Texas	-	-	33,225	99	15,057	118	48,282	105	.78	4.2	-3.4	7.2
Utah	13,785	124	960	154	-	-	14,683	126	.22	8.2	-3.0	2.9
Virginia	3,421	176	14,678	165	215	144	17,999	167	.44	-4	1.7	4.3
Washington	3	130	4,924	160	-	-	4,924	160	.44	-4.8	1.4	3.8
West Virginia	24,424	169	37,326	153	22,986	137	83,298	153	.64	4.5	-1.4	1.2
Wyoming	154,732	139	11,501	102	-	-	165,633	137	.22	4.7	-2.3	-2.6
Imported	588	180	627	175	-	-	1,215	178	.28	25.2	22.4	-4.7
U.S. Total	265,997	148	301,484	145	188,843	139	753,103	145	.64	3.5	-1.4	1.1

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-December 1989**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Alabama	21,311	19,895	79.7	87.5	0.68	0.61	186	195
Alabama	14,725	14,580	92.5	91.7	.55	.52	202	205
Illinois	874	212	2.9	-	.98	.91	110	102
Indiana	374	-	-	-	1.47	-	106	-
Kentucky	2,125	1,657	36.4	54.2	1.18	.97	123	130
Ohio	2,352	2,651	100.0	100.0	.99	.97	206	205
Tennessee	745	756	25.1	65.2	.31	.31	126	124
Virginia	-	40	-	-	-	.62	-	145
West Virginia	117	-	30.9	-	.33	-	159	-
Arizona	15,244	14,121	100.0	100.0	.23	.24	136	140
Arizona	7,769	7,169	100.0	100.0	.22	.22	98	99
Colorado	554	539	100.0	100.0	.17	.16	172	170
New Mexico	6,921	8,414	100.0	100.0	.25	.26	180	189
Arkansas	11,502	11,907	100.0	98.1	.20	.20	163	159
Arkansas	-	222	-	-	-	.41	-	118
Wyoming	11,502	11,685	100.0	100.0	.20	.20	163	159
Colorado	15,752	14,949	86.9	90.0	.19	.19	106	107
Colorado	10,162	9,411	82.0	84.7	.19	.19	109	106
New Mexico	32	-	-	-	.21	-	130	-
Utah	-	39	-	54.1	-	.16	-	118
Wyoming	5,558	5,499	96.2	99.3	.19	.19	100	108
Connecticut	875	830	90.3	95.7	.20	.20	214	229
Kentucky	849	818	93.1	97.1	.20	.20	215	229
West Virginia	26	12	-	-	.24	.25	185	180
Delaware	1,918	2,525	88.4	75.8	.40	.42	179	181
Kentucky	24	110	75.0	20.9	.30	.28	177	177
Maryland	7	-	100.0	-	.58	-	139	-
Pennsylvania	456	691	72.0	75.5	.59	.70	163	170
Virginia	76	-	100.0	-	.33	-	200	-
West Virginia	1,354	1,723	93.5	79.4	.35	.32	184	185
Florida	23,375	23,770	77.1	76.9	.71	.70	179	178
Alabama	13	146	-	-	1.27	1.20	114	114
Illinois	4,107	4,355	99.1	97.1	1.19	1.16	199	192
Indiana	508	91	15.1	-	1.50	1.26	130	119
Kentucky	14,982	14,517	69.6	71.5	.64	.66	172	175
Oklahoma	-	53	-	-	-	.28	-	202
Tennessee	90	-	100.0	-	.40	-	216	-
Virginia	838	1,040	98.0	81.3	.29	.28	233	212
West Virginia	1,997	2,650	90.3	81.0	.48	.51	181	173
Imported coal Australia	-	38	-	-	-	.26	-	154
Imported coal Colombia	803	687	91.7	100.0	.31	.30	173	144
Imported coal Venezuela	37	193	-	-	.18	.18	141	138
Georgia	25,434	25,135	74.9	85.2	.69	.70	175	175
Alabama	246	-	-	-	.82	-	153	-
Illinois	5,188	5,580	98.5	100.0	1.15	1.09	182	193
Kentucky	13,963	12,896	67.3	79.1	.64	.68	166	162
Montana	54	-	-	-	.17	-	181	-
Tennessee	1,140	1,371	75.9	95.3	.41	.48	198	190
Virginia	3,277	3,690	70.8	76.6	.55	.50	172	165
West Virginia	1,355	1,598	100.0	93.6	.27	.28	243	227
Wyoming	188	-	-	-	.22	-	137	-
Imported coal Colombia	23	-	-	-	.27	-	173	-
Illinois	25,067	26,920	91.6	94.0	.94	.89	181	191
Colorado	59	-	-	-	-	-	190	-
Illinois	14,740	14,351	95.7	-	-	-	-	-
Indiana	2,014	1,211	67.9	-	-	-	-	-
Kentucky	1,533	2,418	67.0	-	-	-	-	-
Montana	2,894	2,728	99	-	-	-	-	-
New Mexico	20	-	-	-	-	-	-	-
Virginia	6	-	-	-	-	-	-	-
West Virginia	288	358	-	-	-	-	-	-
Wyoming	3,514	5,854	-	-	-	-	-	-
Indiana	40,560	36,414	-	-	-	-	-	-
Alabama	-	5	-	-	-	-	-	-
Colorado	256	295	-	-	-	-	-	-
Illinois	8,801	9,001	-	-	-	-	-	-
Indiana	18,942	17,332	-	-	-	-	-	-
Kentucky	4,212	3,815	-	-	-	-	-	-
Montana	341	466	-	-	-	-	-	-

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-December 1989 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Indiana								
Ohio	13	11	-	-	0.91	1.25	129	107
Virginia	-	175	-	-	-	.27	-	163
West Virginia	276	381	54.8	6.3	.38	.29	188	174
Wyoming	7,717	4,934	71.2	77.5	.22	.22	141	156
Iowa	14,316	13,974	72.5	88.9	.43	.44	122	123
Illinois	1,736	2,034	61.5	81.0	1.27	1.12	144	145
Indiana	711	505	42.9	54.3	1.08	1.15	131	117
Iowa	46	95	100.0	88.4	1.79	1.10	153	134
Kentucky	75	34	-	-	1.18	1.44	127	119
Missouri	-	9	-	100.0	-	1.36	-	127
Montana	-	1	-	-	-	.21	-	80
Wyoming	11,748	11,298	76.3	92.2	.21	.22	117	119
Kansas	14,725	14,798	88.6	88.1	.38	.38	124	124
Illinois	645	1,212	30.2	45.9	1.31	1.09	147	145
Kansas	692	315	60.0	88.8	1.96	2.40	131	127
Missouri	-	93	-	100.0	-	2.65	-	128
Oklahoma	-	59	-	-	-	.17	-	156
Wyoming	13,388	13,120	92.9	92.3	.20	.23	122	121
Kentucky	30,733	29,344	62.8	64.8	1.19	1.11	114	120
Illinois	9	19	-	-	.86	.30	116	114
Indiana	2,107	3,026	48.8	63.0	1.12	1.05	105	115
Kentucky	25,475	23,102	66.4	69.9	1.29	1.21	114	121
Ohio	124	277	51.4	49.5	1.11	1.18	129	126
Pennsylvania	19	44	53.1	100.0	1.02	1.14	128	157
Tennessee	541	243	32.6	4.1	1.05	1.17	105	101
West Virginia	2,435	2,633	45.5	29.1	.33	.36	117	119
Wyoming	22	-	-	-	.18	-	124	-
Louisiana	11,584	12,078	97.9	92.1	.29	.31	163	155
Louisiana	2,981	2,969	91.7	100.0	.40	.40	127	126
West Virginia	195	218	100.0	100.0	.25	.25	202	180
Wyoming	8,418	8,891	100.0	89.3	.26	.29	171	163
Maryland	8,494	8,854	68.4	77.7	.56	.57	161	158
Kentucky	714	320	84.7	95.6	.29	.30	166	162
Maryland	1,437	1,221	54.5	89.5	.63	.61	166	163
Pennsylvania	2,381	2,775	95.8	95.8	.76	.72	171	169
West Virginia	3,715	4,538	57.6	62.5	.49	.49	150	149
Imported coal Colombia	247	-	-	-	.24	-	194	-
Massachusetts	4,387	4,285	77.0	81.6	.47	.46	160	161
Kentucky	23	-	-	-	.35	-	138	-
Maryland	-	131	-	48.8	-	.48	-	155
Pennsylvania	954	437	23.1	-	.53	.50	164	172
Virginia	1,756	1,976	100.0	95.4	.48	.44	163	163
West Virginia	1,592	1,742	88.0	88.9	.47	.47	155	157
Imported coal Colombia	63	-	-	-	.25	-	183	-
Michigan	28,996	28,344	81.3	76.9	.30	.31	172	176
Illinois	-	48	-	-	-	.40	-	137
Indiana	149	160	58.8	48.3	1.16	1.16	155	160
Kentucky	7,425	10,017	83.0	79.1	.33	.32	164	191
Montana	11,425	9,875	94.6	86.3	.19	.20	152	158
Ohio	217	148	67.6	74.5	1.24	1.42	179	185
Pennsylvania	1,759	1,869	71.7	65.1	.51	.49	172	166
Virginia	598	578	100.0	100.0	.46	.46	176	171
West Virginia	8,287	5,491	71.9	61.1	.30	.30	180	178
Wyoming	1,135	157	-	-	.17	.22	117	130
Minnesota	16,071	15,451	93.8	95.9	.29	.34	120	120
Illinois	57	123	100.0	87.0	.68	.68	194	189
Indiana	68	72	-	-	.82	.79	138	148
Kentucky	1	-	-	-	.29	-	198	-
Montana	8,847	10,069	89.9	94.6	.39	.43	126	124
North Dakota	1	37	100.0	100.0	.70	.58	176	176
Wyoming	7,097	5,150	99.8	100.0	.16	.16	111	109
Mississippi	3,455	4,870	80.7	65.5	.62	.55	167	181
Alabama	-	16	-	-	-	.98	-	153
Illinois	1,116	840	85.3	59.5	.89	.99	147	160
Kentucky	2,311	3,482	79.5	73.4	.43	.46	177	189
Virginia	-	84	-	-	-	.28	-	167
West Virginia	27	467	-	29.3	.65	.48	143	165

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-December 1989 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Missouri	24,788	23,959	85.1	89.8	1.01	1.01	135	138
Colorado	62	71	14.5	100.0	.17	.26	187	138
Illinois	13,633	12,575	89.6	96.4	1.08	1.01	152	160
Indiana	55	49	49.1	8.2	.55	.53	123	126
Kansas	134	241	22.0	58.8	1.37	1.48	129	127
Kentucky	285	14	97.4	1.5	1.37	.81	126	128
Missouri	3,071	3,672	98.9	98.3	2.15	2.10	134	130
Oklahoma	302	603	62.9	80.2	1.64	1.60	136	128
Utah	48	-	-	-	.20	-	183	-
Wyoming	7,198	6,733	73.9	75.5	.22	.21	95	94
Montana	10,224	10,474	100.0	100.0	.39	.39	58	55
Montana	10,224	10,474	100.0	100.0	.39	.39	58	55
Nebraska	7,479	7,485	81.7	88.7	.21	.21	83	84
Colorado	80	79	100.0	100.0	.23	.28	182	179
Montana	0	0	-	-	.18	.16	23	89
Wyoming	7,303	7,406	81.5	88.6	.21	.21	81	83
Nevada	7,067	7,888	100.0	100.0	.23	.23	152	136
Arizona	4,137	5,013	100.0	100.0	.24	.23	123	102
Utah	2,375	2,268	100.0	100.0	.23	.21	190	195
Wyoming	555	607	100.0	100.0	.24	.25	200	193
New Hampshire	1,064	1,262	17.5	19.9	.75	.86	173	178
Ohio	16	-	-	-	1.20	-	183	-
Pennsylvania	221	148	29.5	-	.49	.62	174	173
Virginia	42	10	-	100.0	.43	.42	217	199
West Virginia	785	1,052	15.5	22.9	.83	.90	170	178
Imported coal Canada	-	52	-	-	-	.74	-	173
New Jersey	3,324	2,477	75.9	84.1	.44	.48	176	172
Kentucky	64	20	-	-	.29	.29	182	172
Ohio	7	-	-	-	.85	-	196	-
Pennsylvania	51	21	-	-	.63	.79	184	178
Virginia	1,122	888	81.0	87.0	.31	.30	173	172
West Virginia	2,040	1,548	79.1	84.6	.63	.58	177	171
Imported coal Colombia	12	-	-	-	.22	-	176	-
Imported coal Venezuela	29	-	-	-	.20	-	186	-
New Mexico	15,238	14,522	100.0	100.0	.43	.42	124	118
New Mexico	15,238	14,522	100.0	100.0	.43	.42	124	118
New York	9,872	8,562	63.9	60.1	.65	.67	157	158
Kentucky	542	706	100.0	100.0	.19	.20	200	197
Maryland	-	8	-	-	-	.68	-	144
Ohio	35	158	-	-	.87	.65	155	153
Pennsylvania	5,945	4,974	44.1	37.4	.66	.70	148	148
West Virginia	3,351	2,717	93.8	95.1	.71	.75	164	165
North Carolina	18,413	18,795	83.8	94.1	.37	.37	177	178
Kentucky	9,169	7,857	81.1	90.5	.37	.38	180	182
Tennessee	168	227	100.0	99.6	.54	.54	187	189
Virginia	4,283	4,065	92.2	96.4	.40	.39	172	169
West Virginia	4,795	4,646	80.8	97.9	.31	.31	175	178
North Dakota	21,359	21,714	98.5	99.4	.55	.53	69	70
North Dakota	21,359	21,714	98.5	99.4	.55	.53	69	70
Ohio	49,504	46,008	66.9	69.5	1.04	1.04	149	152
Indiana	86	149	-	-	1.31	1.36	100	95
Kentucky	9,384	8,302	54.7	58.3	-	.50	152	158
Ohio	24,416	22,651	70.4	75.8	-	-	-	-
Pennsylvania	3,005	3,386	54.4	-	-	-	-	-
Virginia	33	-	-	-	-	-	-	-
West Virginia	12,580	11,519	72.8	-	-	-	-	-
Oklahoma	14,636	13,355	90.4	-	-	-	-	-
Oklahoma	804	721	19.0	-	-	-	-	-
Wyoming	13,831	12,634	94.5	-	-	-	-	-
Oregon	-	235	-	-	-	-	-	-
Wyoming	-	235	-	-	-	-	-	-
Pennsylvania	42,766	40,493	74.5	-	-	-	-	-
Kentucky	-	13	-	-	-	-	-	-
Ohio	2,286	2,434	95.4	-	-	-	-	-
Pennsylvania	31,020	29,693	68.5	-	-	-	-	-
West Virginia	9,460	8,353	88.9	-	-	-	-	-
South Carolina	9,805	9,002	63.6	-	-	-	-	-
Kentucky	8,596	7,841	62.2	-	-	-	-	-
Tennessee	135	169	.1	-	-	-	-	-

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-December 1989 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
South Carolina								
Virginia	1,047	930	84.8	76.7	0.50	0.53	157	157
West Virginia	27	61	15.3	100.0	.51	.39	172	196
South Dakota	2,063	2,160	100.0	93.3	.73	.71	124	121
Montana	-	144	-	-	-	.36	-	112
North Dakota	2,063	2,015	100.0	100.0	.73	.74	124	122
Wyoming	-	1	-	-	-	.17	-	203
Tennessee	18,300	19,759	82.3	87.8	.84	.86	134	134
Illinois	1,495	1,186	8.6	10.5	.85	.80	112	107
Indiana	6	-	-	-	.89	-	129	-
Kentucky	13,638	15,254	91.9	94.2	.89	.93	140	139
Tennessee	1,866	1,741	69.1	81.5	.56	.55	116	114
Virginia	1,276	1,264	84.8	89.5	.72	.58	124	126
West Virginia	18	314	100.0	100.0	1.05	1.10	139	139
Texas	84,195	79,803	91.5	94.7	.49	.47	145	147
Colorado	1,537	1,795	100.0	84.6	.17	.17	222	212
Montana	-	569	-	100.0	-	.25	-	234
Texas	48,282	46,327	94.5	96.6	.78	.72	105	108
Utah	218	43	59.9	-	.23	.22	171	162
Wyoming	34,157	31,070	87.1	92.5	.21	.21	182	183
Utah	13,385	12,256	90.6	95.1	.21	.21	124	127
Colorado	1,343	1,029	100.0	100.0	.20	.20	240	248
Utah	12,042	11,227	89.5	94.6	.22	.21	112	116
Virginia	9,739	7,459	51.7	61.3	.37	.36	155	155
Kentucky	3,553	2,022	40.5	42.5	.40	.42	156	153
Virginia	3,601	3,344	71.4	80.1	.36	.35	157	157
West Virginia	2,595	2,093	39.7	49.4	.34	.30	150	155
Washington	5,606	5,621	85.8	91.6	.41	.40	156	155
Montana	55	86	-	100.0	.17	.21	131	131
Washington	4,924	5,174	97.7	94.2	.44	.42	160	158
Wyoming	627	361	-	52.4	.20	.16	125	126
West Virginia	31,143	27,438	73.6	84.8	.75	.72	143	144
Kentucky	1,109	469	54.3	89.7	.44	.36	166	181
Maryland	925	1,122	46.7	69.5	.70	.67	117	121
Ohio	935	179	38.4	-	1.65	1.58	102	86
Pennsylvania	308	193	11.9	11.4	.62	.54	120	123
West Virginia	27,868	25,473	77.1	86.5	.73	.73	144	145
Wisconsin	17,535	17,613	88.0	89.5	.44	.46	145	146
Illinois	1,418	2,214	90.8	96.2	.88	.83	145	166
Indiana	2,145	2,138	97.1	85.4	.86	.89	183	172
Kentucky	390	210	32.6	24.3	.59	.40	159	157
Montana	2,137	2,137	85.6	92.3	.37	.41	158	157
New Mexico	-	10	-	-	-	.14	-	213
Ohio	9	-	100.0	-	.56	-	164	-
Pennsylvania	1,479	1,151	100.0	100.0	.64	.61	153	160
Virginia	45	7	-	-	.28	.27	164	181
West Virginia	125	147	54.2	-	.67	.82	167	142
Wyoming	8,786	9,600	87.3	87.6	.20	.20	128	128
Wyoming	21,798	22,976	91.1	99.3	.30	.30	85	84
Wyoming	21,798	22,976	91.1	99.3	.30	.30	85	84
U.S. Total	753,103	727,775	82.4	86.3	.64	.63	145	147

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-December 1989**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Alabama	14,984	14,747	90.9	90.7	0.56	0.53	201	204
Alabama	14,725	14,580	92.5	91.7	.55	.52	202	205
Florida	13	148	-	-	1.27	1.20	114	114
Georgia	246	-	-	-	.82	-	153	-
Indiana	-	5	-	-	-	.23	-	158
Mississippi	-	16	-	-	-	.98	-	153
Arizona	11,907	12,182	100.0	100.0	.23	.22	107	100
Arizona	7,769	7,169	100.0	100.0	.22	.22	98	99
Nevada	4,137	5,013	100.0	100.0	.24	.23	123	102
Arkansas	-	222	-	-	-	.41	-	118
Arkansas	-	222	-	-	-	.41	-	118
Colorado	14,054	13,218	85.8	87.0	.19	.19	142	140
Arizona	554	539	100.0	100.0	.17	.16	172	170
Colorado	10,162	9,411	82.0	84.7	.19	.19	109	106
Illinois	59	-	-	-	.21	-	180	-
Indiana	256	295	81.4	100.0	.20	.17	301	298
Missouri	62	71	14.5	100.0	.17	.26	187	138
Nebraska	80	79	100.0	100.0	.23	.28	182	179
Texas	1,537	1,795	100.0	84.6	.17	.17	222	212
Utah	1,343	1,029	100.0	100.0	.20	.20	240	248
Illinois	53,818	53,749	87.2	91.4	1.18	1.14	157	163
Alabama	874	212	2.9	-	.98	.91	110	102
Florida	4,107	4,355	99.1	97.1	1.19	1.16	189	192
Georgia	5,188	5,580	98.5	100.0	1.15	1.09	182	193
Illinois	14,740	14,351	95.7	94.8	1.35	1.35	151	153
Indiana	8,801	9,001	87.8	94.4	1.19	1.20	160	165
Iowa	1,736	2,034	61.5	81.0	1.27	1.12	144	145
Kansas	645	1,212	30.2	45.9	1.31	1.09	147	145
Kentucky	9	19	-	-	.86	.30	116	114
Michigan	-	48	-	-	-	.40	-	137
Minnesota	57	123	100.0	87.0	.68	.66	194	189
Mississippi	1,116	840	85.3	59.5	.99	.99	147	160
Missouri	13,633	12,575	89.6	96.4	1.08	1.01	152	160
Tennessee	1,485	1,188	8.6	10.5	.85	.80	112	107
Wisconsin	1,418	2,214	90.8	96.2	.88	.83	145	166
Indiana	27,165	24,733	73.4	81.8	1.15	1.12	125	128
Alabama	374	-	-	-	1.47	-	106	-
Florida	508	91	15.1	-	1.50	1.26	130	119
Illinois	2,014	1,211	67.9	85.2	.69	.63	126	136
Indiana	18,942	17,332	79.1	86.0	1.23	1.18	121	125
Iowa	711	505	42.9	54.3	1.08	1.15	131	117
Kentucky	2,107	3,026	48.8	63.0	1.12	1.05	105	115
Michigan	149	160	58.6	46.3	1.16	1.16	155	160
Minnesota	68	72	-	-	.82	.79	138	148
Missouri	55	49	49.1	8.2	.55	.53	123	126
Ohio	86	149	-	-	1.31	1.36	100	85
Tennessee	6	-	-	-	.89	-	129	-
Wisconsin	2,145	2,138	97.1	95.4	.86	.89	183	-
Iowa	46	95	100.0	88.4	1.79	1.10	153	-
Iowa	46	95	100.0	88.4	1.79	1.10	153	-
Kansas	826	556	53.8	76.3	1.85	1.95	131	-
Kansas	692	315	60.0	88.8	1.96	2.40	131	-
Missouri	134	241	22.0	59.8	1.27	-	-	-
Kentucky	120,441	115,893	70.4	-	-	-	-	-
Alabama	2,125	1,657	36.4	-	-	-	-	-
Connecticut	849	818	83.1	-	-	-	-	-
Delaware	24	110	75.0	-	-	-	-	-
Florida	14,982	14,517	69.6	-	-	-	-	-
Georgia	13,963	12,896	67.3	-	-	-	-	-
Illinois	1,533	2,418	67.0	-	-	-	-	-
Indiana	4,212	3,815	80.5	-	-	-	-	-
Iowa	75	34	-	-	-	-	-	-
Kentucky	25,475	23,102	66.4	-	-	-	-	-
Maryland	714	320	84.7	-	-	-	-	-
Massachusetts	23	-	-	-	-	-	-	-
Michigan	7,425	10,017	83.0	-	-	-	-	-
Minnesota	1	-	-	-	-	-	-	-
Mississippi	2,311	3,482	79.5	-	-	-	-	-
Missouri	285	14	97.4	-	-	-	-	-

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-December 1989
(Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Kentucky								
New Jersey	64	20	-	-	0.29	0.29	182	172
New York	542	706	100.0	100.0	.19	.20	200	197
North Carolina	9,169	7,857	81.1	90.5	.37	.38	180	182
Ohio	9,384	8,302	54.7	58.3	.54	.59	153	156
Pennsylvania	-	13	-	100.0	-	.40	-	189
South Carolina	8,596	7,841	62.2	69.7	.43	.45	173	179
Tennessee	13,638	15,254	91.9	94.2	.89	.83	140	139
Virginia	3,553	2,022	40.5	42.5	.40	.42	156	153
West Virginia	1,109	469	54.3	89.7	.44	.36	166	181
Wisconsin	390	210	32.6	24.3	.59	.40	159	157
Louisiana	2,981	2,969	91.7	100.0	.40	.40	127	126
Louisiana	2,981	2,969	91.7	100.0	.40	.40	127	126
Maryland	2,369	2,481	51.6	77.5	.66	.63	147	144
Delaware	7	-	100.0	-	.58	-	139	-
Maryland	1,437	1,221	54.5	88.5	.63	.61	166	163
Massachusetts	-	131	-	48.8	-	.48	-	155
New York	-	8	-	-	-	.68	-	144
West Virginia	925	1,122	46.7	69.5	.70	.67	117	121
Missouri	3,071	3,774	98.9	98.4	2.15	2.11	134	130
Iowa	-	9	-	100.0	-	1.36	-	127
Kansas	-	93	-	100.0	-	2.65	-	128
Missouri	3,071	3,672	98.9	98.3	2.15	2.10	134	130
Montana	35,977	36,550	94.2	94.0	.30	.33	133	133
Georgia	54	-	-	-	.17	-	181	-
Illinois	2,894	2,729	99.6	99.7	.19	.20	283	278
Indiana	341	466	51.9	100.0	.17	.20	220	284
Iowa	-	1	-	-	-	.21	-	90
Michigan	11,425	9,875	94.6	86.3	.19	.20	152	159
Minnesota	8,847	10,069	89.9	94.6	.39	.43	128	124
Montana	10,224	10,474	100.0	100.0	.39	.39	58	55
Nebraska	0	0	-	-	.18	.18	23	89
South Dakota	-	144	-	-	-	.36	-	112
Texas	-	569	-	100.0	-	.25	-	234
Washington	55	86	-	100.0	.17	.21	131	131
Wisconsin	2,137	2,137	85.6	92.3	.37	.41	158	157
New Mexico	22,211	20,945	99.8	100.0	.37	.37	143	141
Arizona	6,921	6,414	100.0	100.0	.25	.26	180	189
Colorado	32	-	-	-	.21	-	130	-
Illinois	20	-	-	-	.23	-	182	-
New Mexico	15,238	14,522	100.0	100.0	.43	.42	124	118
Wisconsin	-	10	-	-	-	.14	-	213
North Dakota	23,423	23,768	98.6	99.5	.57	.55	74	75
Minnesota	1	37	100.0	100.0	.70	.58	176	176
North Dakota	21,359	21,714	98.5	99.4	.55	.53	69	70
South Dakota	2,063	2,015	100.0	100.0	.73	.74	124	122
Ohio	30,412	28,511	73.3	78.7	1.40	1.38	156	158
Alabama	2,352	2,651	100.0	100.0	.99	.97	206	205
Indiana	13	11	-	-	.91	1.25	129	107
Kentucky	124	277	51.4	49.5	1.11	1.18	129	126
Michigan	217	149	67.6	74.5	1.24	1.42	179	185
New Hampshire	16	-	-	-	1.20	-	183	-
New Jersey	7	-	-	-	.85	-	196	-
New York	35	158	-	-	.87	.85	155	153
Ohio	24,416	22,651	70.4	75.8	1.41	1.41	154	154
Pennsylvania	2,286	2,434	95.4	97.7	1.61	1.62	152	146
West Virginia	935	179	38.4	-	1.65	1.58	102	86
Wisconsin	9	-	100.0	-	.56	-	164	-
Oklahoma	1,106	1,436	31.0	49.4	.87	.96	141	143
Florida	-	53	-	-	-	.28	-	202
Kansas	-	59	-	-	-	.17	-	156
Missouri	302	603	62.9	80.2	1.64	1.60	136	128
Oklahoma	804	721	19.0	31.3	.59	.55	142	150
Pennsylvania	47,598	45,382	65.5	70.1	.71	.73	148	149
Delaware	456	691	72.0	75.5	.59	.70	163	170
Kentucky	19	44	53.1	100.0	1.02	1.14	128	157
Maryland	2,381	2,775	95.8	95.8	.76	.72	171	169
Massachusetts	954	437	23.1	-	.53	.50	184	172
Michigan	1,759	1,869	71.7	65.1	.51	.49	172	166

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-December 1989
(Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Pennsylvania								
New Hampshire	221	148	29.5	-	0.49	0.62	174	173
New Jersey	51	21	-	-	.63	.79	184	178
New York	5,945	4,974	44.1	37.4	.66	.70	149	148
Ohio	3,005	3,386	54.4	63.8	.86	.85	134	134
Pennsylvania	31,020	29,693	68.5	74.6	.72	.74	145	147
West Virginia	308	193	11.9	11.4	.62	.54	120	123
Wisconsin	1,479	1,151	100.0	100.0	.64	.61	153	160
Tennessee	4,682	4,506	59.3	76.9	.54	.52	142	143
Alabama	745	756	25.1	65.2	.31	.31	126	124
Florida	90	-	100.0	-	.40	-	216	-
Georgia	1,140	1,371	75.9	95.3	.41	.48	199	190
Kentucky	541	243	32.6	4.1	1.05	1.17	105	101
North Carolina	166	227	100.0	99.6	.54	.54	187	189
South Carolina	135	169	.1	7.7	.56	.59	157	149
Tennessee	1,866	1,741	69.1	81.5	.56	.55	118	114
Texas	48,282	46,327	94.5	96.6	.78	.72	105	108
Texas	48,282	46,327	94.5	96.6	.78	.72	105	108
Utah	14,683	13,575	90.5	95.1	.22	.21	128	130
Colorado	-	39	-	54.1	-	.18	-	118
Missouri	48	-	-	-	.20	-	183	-
Nevada	2,375	2,266	100.0	100.0	.23	.21	190	195
Texas	218	43	59.9	-	.23	.22	171	162
Utah	12,042	11,227	89.5	94.6	.22	.21	112	116
Virginia	17,999	18,070	83.2	85.0	.44	.42	167	164
Alabama	-	40	-	-	-	.62	-	145
Delaware	76	-	100.0	-	.33	-	200	-
Florida	838	1,040	98.0	81.3	.29	.28	233	212
Georgia	3,277	3,690	70.8	76.6	.55	.50	172	165
Illinois	6	-	-	-	.29	-	185	-
Indiana	-	175	-	-	-	.27	-	163
Massachusetts	1,756	1,978	100.0	95.4	.46	.44	163	163
Michigan	598	578	100.0	100.0	.46	.46	176	171
Mississippi	-	84	-	-	-	.26	-	167
New Hampshire	42	10	-	100.0	.43	.42	217	199
New Jersey	1,122	888	81.0	87.0	.31	.30	173	172
North Carolina	4,283	4,065	92.2	98.4	.40	.39	172	169
Ohio	33	-	-	-	.52	-	184	-
South Carolina	1,047	930	84.8	78.7	.50	.53	157	157
Tennessee	1,276	1,264	84.8	89.5	.72	.58	124	126
Virginia	3,601	3,344	71.4	80.1	.36	.35	157	157
Wisconsin	45	7	-	-	.28	.27	164	181
Washington	4,924	5,174	97.7	94.2	.44	.42	160	158
Washington	4,924	5,174	97.7	94.2	.44	.42	160	158
West Virginia	83,298	79,737	75.7	77.4	.64	.63	153	155
Alabama	117	-	30.9	-	.33	-	159	-
Connecticut	26	12	-	-	.24	.25	185	180
Delaware	1,354	1,723	93.5	79.4	.35	.32	184	185
Florida	1,997	2,650	90.3	81.0	.48	.51	181	173
Georgia	1,355	1,598	100.0	93.6	.27	.28	243	227
Illinois	288	358	55.2	69.1	.26	.26	170	169
Indiana	276	381	54.8	6.3	.38	.29	188	174
Kentucky	2,435	2,633	45.5	29.1	.33	.36	117	119
Louisiana	195	218	100.0	100.0	.25	.25	202	190
Maryland	3,715	4,538	57.6	62.5	.49	.49	150	149
Massachusetts	1,592	1,742	88.0	88.9	.47	.47	155	167
Michigan	6,287	5,491	71.9	61.1	.30	.30	180	176
Mississippi	27	467	-	29.3	.65	.48	143	165
New Hampshire	785	1,052	15.5	22.9	.83	.90	170	178
New Jersey	2,040	1,548	79.1	84.6	.53	.58	177	171
New York	3,351	2,717	93.8	95.1	.71	.75	164	165
North Carolina	4,795	4,646	80.8	97.9	.31	.31	175	178
Ohio	12,580	11,519	72.8	67.7	.74	.70	140	152
Pennsylvania	9,460	8,353	88.9	91.3	1.05	1.10	141	141
South Carolina	27	61	15.3	100.0	.51	.39	172	196
Tennessee	18	314	100.0	100.0	1.05	1.10	139	139
Virginia	2,585	2,093	39.7	49.4	.34	.30	150	155
West Virginia	27,866	25,473	77.1	86.5	.73	.73	144	145
Wisconsin	125	147	54.2	-	.67	.82	167	142

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-December 1989**
(Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Wyoming	165,833	158,208	88.0	92.9	0.22	0.23	137	140
Arkansas	11,502	11,685	100.0	100.0	.20	.20	163	159
Colorado	5,558	5,499	96.2	99.3	.19	.19	100	108
Georgia	188	-	-	-	.22	-	137	-
Illinois	3,514	5,854	97.6	100.0	.24	.22	290	291
Indiana	7,717	4,934	71.2	77.5	.22	.22	141	150
Iowa	11,748	11,296	76.3	92.2	.21	.22	117	119
Kansas	13,388	13,120	92.9	92.3	.20	.23	122	121
Kentucky	22	-	-	-	.18	-	124	-
Louisiana	8,418	8,891	100.0	89.3	.26	.29	171	163
Michigan	1,135	157	-	-	.17	.22	117	130
Minnesota	7,097	5,150	99.6	100.0	.16	.16	111	109
Missouri	7,198	6,733	73.9	75.5	.22	.21	95	94
Nebraska	7,393	7,406	81.5	88.6	.21	.21	81	83
Nevada	555	807	100.0	100.0	.24	.25	200	193
Oklahoma	13,831	12,634	94.5	95.2	.23	.22	136	148
Oregon	-	235	-	91.1	-	.19	-	139
South Dakota	-	1	-	-	-	.17	-	203
Texas	34,157	31,070	87.1	92.5	.21	.21	182	183
Washington	627	361	-	52.4	.20	.16	125	128
Wisconsin	9,788	9,600	87.3	87.6	.20	.20	128	128
Wyoming	21,798	22,976	91.1	99.3	.30	.30	85	84
Imported Coal	1,215	970	60.6	70.8	.28	.30	178	145
Australia	-	38	-	-	-	.26	-	154
Florida	-	38	-	-	-	.26	-	154
Canada	-	52	-	-	-	.74	-	173
New Hampshire	-	52	-	-	-	.74	-	173
Colombia	1,149	687	64.1	100.0	.29	.30	179	144
Florida	803	687	91.7	100.0	.31	.30	173	144
Georgia	23	-	-	-	.27	-	173	-
Maryland	247	-	-	-	.24	-	194	-
Massachusetts	63	-	-	-	.25	-	183	-
New Jersey	12	-	-	-	.22	-	176	-
Venezuela	88	193	-	-	.19	.18	161	138
Florida	37	193	-	-	.18	.18	141	138
New Jersey	29	-	-	-	.20	-	188	-
U.S. Total	753,103	727,775	82.4	86.3	.64	.63	145	147

Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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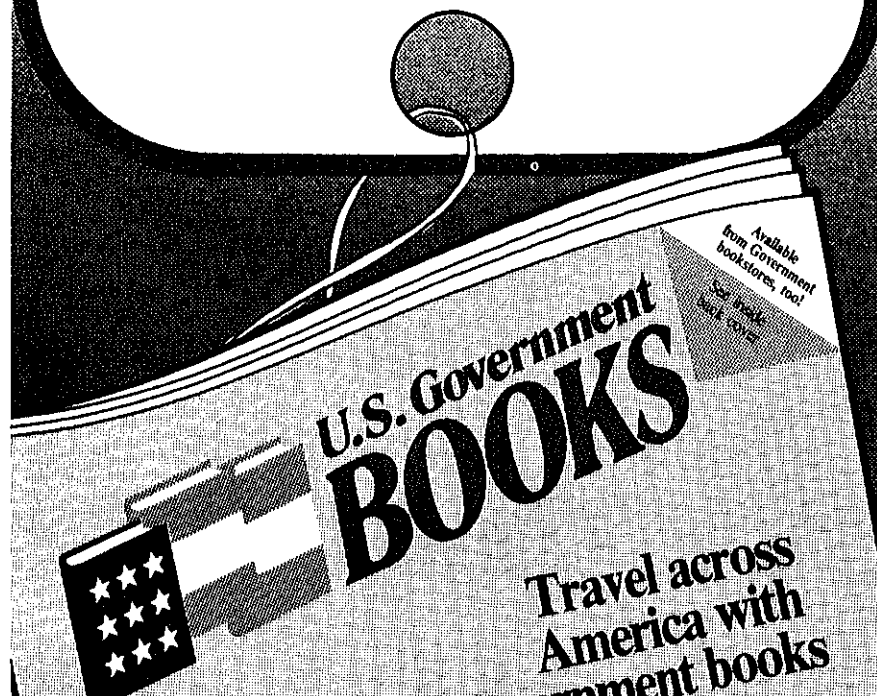
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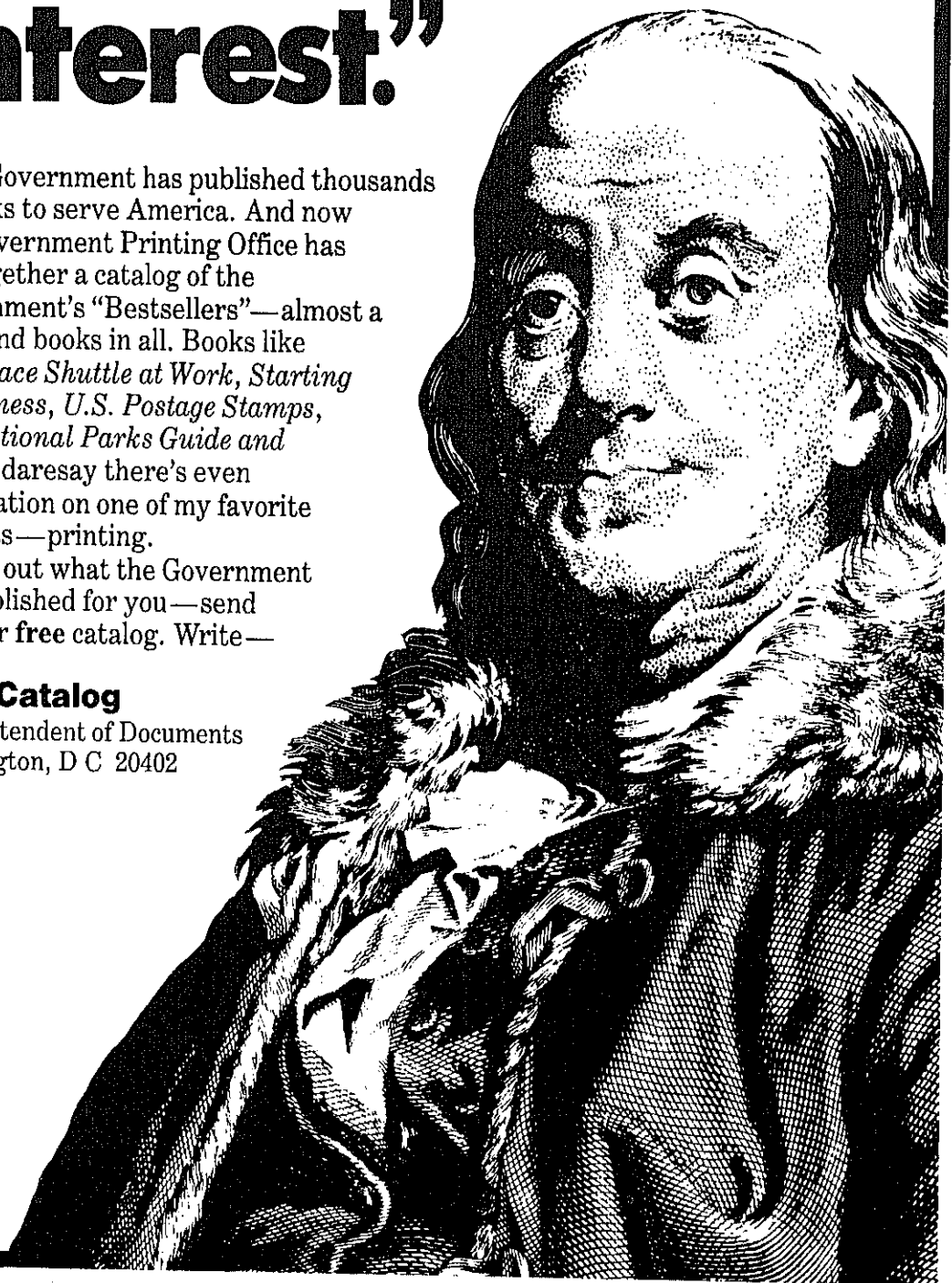
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